



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3290-041
Job Sheet 176139



Part No: D3290-041

Job Qty: 2 ea

Part Name: Replacement Exterior Window For -111



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/17/18

Job Tracking No:

Due Date: 4/20/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV C IPP B 05.05.25 Added Step 11 KJ/JLM IPP C IPP Rev:D Now on Waterjet 06-06-16 JLM IPP rev E rev C dwg 07.09.28 EC verified by: DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		4/19/18	0.00	0.00	Start Up Small Fab		cmj 18/04/20
100	Small Fab	2 pcs		4/20/18	0.00	0.86	Small Fab		5.40 18.04.18
170	QC	2 pcs		4/20/18	0.00	0.00	QC5		2.13
180	Packaging	2 pcs		4/20/18	0.00	0.00	Packaging3-1	57433	ADD 7.6 2018
190	QC21-SA	2 Ea		4/20/18	0.00	0.00	QC21		APR 7 6 2018

Part Op **100** - ***Windows need to be protected at all time*** DEBURR EDGE LIGHTLY*** Assemble as per Dwg D3290
Descriptions: VERIFY BY: _____ DATE: _____ Clean D3290-041, wrap in foam wrap and place in plastic wrap
Inspection complete D2126 length of material needs to be check for any deformations, material build ups or issue that will lead to any rejections

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2126	Locking Seal (Sold Per Foot)	13 ft (6.5 ea)	90-Start up Operation	5024336
D3290-1	Frame	2 Ea (1 ea)	90-Start up Operation	5047672
D3290-3	Window	2 Ea (1 ea)	90-Start up Operation	5032619

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2126	13	284	0
	D3290-1	2	5	0
	D3290-3	2	2	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																																													
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																																																																																											
Description Work Order Deviation		Disposition		Completed By																																																																																											
CONTAINER NO. 0000000000  Replacement Exterior Window For – 111 PART NO: D3290 – 041 Serial No/Batch: S063293 Revision: Operation: Packaging Change No:				Lead hand / Supervisor Approval Verification																																																																																											
Mfg Date: 04/20/18 Job No: 176139				QC / QA Coordinator Approval																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: left;">Root Cause</th> <th colspan="3"></th> </tr> <tr> <td style="width:15%;">Environment</td> <td style="width:5%;">☐</td> <td style="width:15%;">No Re-verification</td> <td style="width:5%;">☐</td> <td style="width:15%;"></td> <td style="width:5%;"></td> </tr> <tr> <td>Design</td> <td>☐</td> <td>Operator</td> <td>☐</td> <td></td> <td></td> </tr> <tr> <td>Doc/Data</td> <td>☐</td> <td>Offset/Setup</td> <td>☐</td> <td></td> <td></td> </tr> <tr> <td>Equip/Tooling</td> <td>☐</td> <td>Supplier</td> <td>☐</td> <td></td> <td></td> </tr> <tr> <td>Handling/Pre</td> <td>☐</td> <td>Training</td> <td>☐</td> <td></td> <td></td> </tr> <tr> <td>Material</td> <td>☐</td> <td>Use for Testing</td> <td>☐</td> <td></td> <td></td> </tr> <tr> <td>Internal Transport</td> <td>☐</td> <td>Poor Information</td> <td>☐</td> <td>Crushing</td> <td>☐</td> </tr> <tr> <td>Tribal Knowledge</td> <td>☐</td> <td>Rushing</td> <td>☐</td> <td>Heat Treat</td> <td>☐</td> </tr> <tr> <td>LOA</td> <td>☐</td> <td>Product Improvement</td> <td>☐</td> <td>Wave/Twist in Tube</td> <td>☐</td> </tr> <tr> <td>Substation</td> <td>☐</td> <td>Process Improvement</td> <td>☐</td> <td>Marks/Chatter</td> <td>☐</td> </tr> <tr> <td>Past Expiry Date</td> <td>☐</td> <td>Manufacturing Process</td> <td>☐</td> <td>Countersink</td> <td>☐</td> </tr> <tr> <td>Misidentified</td> <td>☐</td> <td>Past Due</td> <td>☐</td> <td>Cut Too Short</td> <td>☐</td> </tr> <tr> <td colspan="3"></td> <td colspan="3"> Instructions Incomplete/Unclear ☐ Drill Holes ☐ Off-set ☐ Misaligned/off center ☐ </td> </tr> <tr> <td colspan="3"></td> <td colspan="3"> OTHER : ☐ </td> </tr> </table>						Root Cause						Environment	☐	No Re-verification	☐			Design	☐	Operator	☐			Doc/Data	☐	Offset/Setup	☐			Equip/Tooling	☐	Supplier	☐			Handling/Pre	☐	Training	☐			Material	☐	Use for Testing	☐			Internal Transport	☐	Poor Information	☐	Crushing	☐	Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Past Expiry Date	☐	Manufacturing Process	☐	Countersink	☐	Misidentified	☐	Past Due	☐	Cut Too Short	☐				Instructions Incomplete/Unclear ☐ Drill Holes ☐ Off-set ☐ Misaligned/off center ☐						OTHER : ☐		
Root Cause																																																																																															
Environment	☐	No Re-verification	☐																																																																																												
Design	☐	Operator	☐																																																																																												
Doc/Data	☐	Offset/Setup	☐																																																																																												
Equip/Tooling	☐	Supplier	☐																																																																																												
Handling/Pre	☐	Training	☐																																																																																												
Material	☐	Use for Testing	☐																																																																																												
Internal Transport	☐	Poor Information	☐	Crushing	☐																																																																																										
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐																																																																																										
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐																																																																																										
Substation	☐	Process Improvement	☐	Marks/Chatter	☐																																																																																										
Past Expiry Date	☐	Manufacturing Process	☐	Countersink	☐																																																																																										
Misidentified	☐	Past Due	☐	Cut Too Short	☐																																																																																										
			Instructions Incomplete/Unclear ☐ Drill Holes ☐ Off-set ☐ Misaligned/off center ☐																																																																																												
			OTHER : ☐																																																																																												